

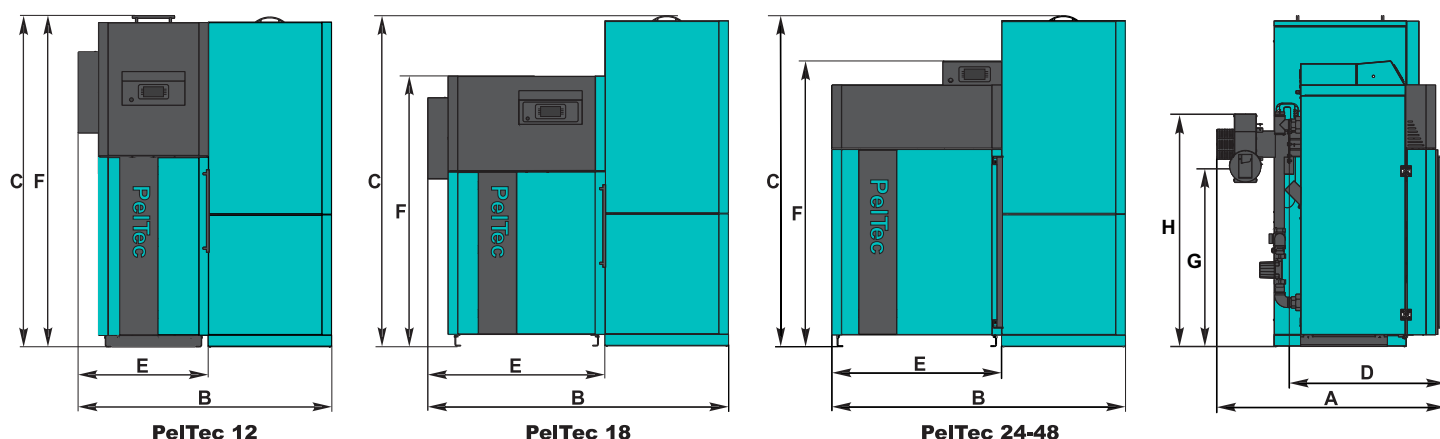


■ **Pel-Tec** - high quality steel pellet boilers. Boiler built-in pellet burner with automatic ignition and automatic self-cleaning function for excellent boiler operation. The automatic flue gas heat exchanger cleaning function ensures even heat exchange and higher boiler efficiency. Built-in automatic ash cleaning. The multifunctional boiler control unit in the standard package ensures uninterrupted operation of the boiler as well as controls the amount of pellets in the bunker. The built-in backflow protection ensures the proper operation.

■ **Characteristics of Pel-Tec boilers:**

- Pel-Tec central heating pellet boiler with built-in burner and nominal heat capacity of 12, 18, 24, 36, 48, 69 and 96kW.
- High boiler efficiency and low maintenance requirements
- Low emissions and harmful emissions
- Modulating boiler operation
- Automatic self-cleaning for burner grille and flue gas channels
- Flue gas temperature sensor and level sensor for pellet bunker
- Built-in backflow protection with 4-way valve
- Multifunctional digital controller with touch-screen panel
- Accessories: room thermostat, GSM alarm module for the boiler and pellet bunker, automatic pellet filling from another pellet storage (additional equipment)
- Lambda probe
- WiFi module.

Tehniskie parametri



PelTec		12	18	24	36	48	69	96
Nominal heat output	kW	12	18	24	36	48	69	96
Heat power range	kW	3,6-12	5,4-18	7,2-24	10,8-36	14,4-48	20,7-69	28,8-96
*Flue gas outlet diameter	f(mm)	130	130	130	150	150	200	200
Inlet / outlet diameter	R	1"	1"	5/4"	5/4"	5/4"	2"	2"
Discharge diameter	R	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Maximum operating temperature	°C	90	90	90	90	90	90	90
Maximum working pressure	bar	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Pellet tank capacity	lit.	340	340	340	340	340	530	530
Total boiler length A	mm	1105	1105	1080	1160	1175	1240	1310
Total boiler width B	mm	1200	1420	1420	1485	1485	1940	1965
Total boiler height C	mm	1560	1560	1560	1560	1560	1560	1560
Boiler block length D	mm	765	765	736	765	765	765	765
Boiler block width E	mm	650	880	880	965	965	-	-
Boiler block height F	mm	1560	1275	1345	1345	1495	1345	1495
Size G	mm	1235	765	855	855	995	1275	1275
Size H	mm	1515	1040	1140	1160	1310	1345	1345



SUITABLE FOR THE ENVIRONMENT

Low emission of harmful compounds in the flue gases.



EFFICIENT

High boiler efficiency and low maintenance requirements.



AUTOMATIC MAINTENANCE

Automatic cleaning of the burner grid and flue passages.



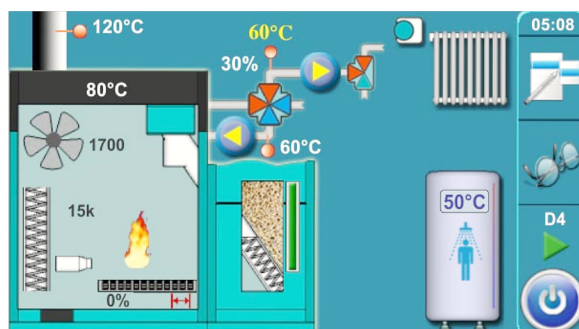
EXTENSIONS

Additional equipment for specific tasks (wi-fi, GSM, room regulation etc..)

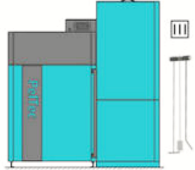
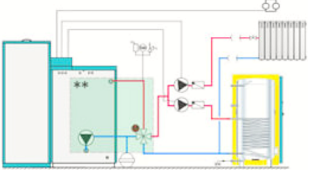


TOUCH SENSITIVE SCREEN:

- Enables direct interaction with the content shown on the screen.
- Easy operation of the boiler.
- It can handle a direct heating circuit and the circuit of sanitary water.



DELIVERY, OBLIGATORY AND OPTIONAL ADDITIONAL EQUIPMENT:

 Delivery: • Boiler with casing and control, pre-wired, with 3 additional sensors, pump group with pump and motor powered mixing valve, flue fan, grate and fluegas heatexchanger cleaning mechanism, cleaning set (scraper, brush, poker, set holder). • Pellet container in cardboard packaging + transporter	 Connection to one circuit heating system and domestic water heating (DHW) • DHW tank (TB, STEB...) • Room thermostat • Pumps for heating circuit and DWH • Closed heating system • Safety air-vent group (2,5bar) and expansion vessel; • Open heating system • Open expansion vessel * One of 15 different connection options is shown in the diagram	 GSM module // CAL // CMNET // Wi-Fi module • SMS or phone call alert about boiler status (errors, warnings) • Inquiry about boiler status – operation phase, temperature, by SMS • Turning on/off boiler by SMS or through internet • Live visualisation on boiler processes through internet • CAL alarm set (speaker/lamp) • Module for error alert by sound or light signal or warnings concerning boiler operation • CMNET • Cascade manager to control up to 8 boilers in a cascade	 CM2K module for controlling 2 heating circuits + CSK • Enables steering 2 heating circuits using outdoor temperature (control of up to 2 mixing valves and up to 2 pumps) • It is possible to connect up to 4 CM2K modules (up to 8 heating circuits) • It is possible to connect up to 2 CSK room correctors per one module • CSK • Room corrector	 CVT vacuum pellets supply • Vacuum pellets supply with mole from a room (pellets storage) • Vacuum pellets supply from a large tank (CentroPellet box up to 3,4m3) • Vacuum pellets supply by screw feeder from a storage room
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